

Abstract

A new method of and system for generating, storing and accessing genomic information provided in the format of spot pattern images of electrophoretically separated gene fragments and the like to derive from appropriately customized assay kits, using standardized formats of such spot pattern images for storage in an image database library, and with preferably internet two-way communication between remote research or diagnostic customers or users and the central data base library for permitting customers remote inputting of spot pattern images for growing the data base and/or for analysis, customer retrieval of stored data base library images, and for communicating image comparison and analysis services from the database library to the customers or users -- such constituting also a new method of doing business in this field.